



Model 1040 Standalone Enclosure User Manual





NOTICE!

This device contains static sensitive components. It should be handled only with proper Electrostatic Discharge (ESD) grounding procedures.

NOTE!

Cet équipement contient des composants sensibles aux décharges électro-statiques. Il doit absolument être manipulé en respectant les règles de mise à la terre afin de prévenir de telles décharges.

NOTICE

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EdgeAccess® Universal Chassis System

Model 1040

User Manual

Model Number 1040-UM

Product Number 6913100

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The Model 1040 standalone enclosure, shown in Figure 1, supports one 5U-sized managed module.



Figure 1. Model 1040 Standalone Enclosure

The front provides two switches, five LEDs, one connector, and a slot for a module. The back includes an AC power cord socket and the ALM IN and ALM OUT connectors.

Switch	Setting	Selects
F1/NRM/F2 for the module	F1	Function 1, such as Local loopback
	NRM	Normal operation; set this for most applications
	F2	Function 2, such as Remote loopback
HDX/FDX for 10BASE-T port	HDX	Half duplex
	FDX	Full duplex

Note: If the link partner is set to auto-negotiation, the link uses 10M and follows the HDX/FDX switch setting for this port; otherwise, set this switch to match the other switch on the link.

LED	State	Definition
PWR	Off	No power
	Green	Power is on
ALARM, MAJ and MIN	Off	Normal
	Amber	Minor alarm
	Red	Major alarm
Tx for 10BASE-T port	Off	No transmission
	Green blinking	Transmission activity
LNK/Rx for 10BASE-T port	Off	No link
	Green	Link is established at full duplex
	Amber	Link is established at half duplex
	Blinking	Data is received

Note: To clear a latched Minor or Major alarm, push the ACK button.

Connector	Provides
ALM IN and ALM OUT, MIN and MAJ	Alarm status from another device (IN) and to another device (OUT)
10BASE-T	Half or full duplex Ethernet

Installing and Using the 1040 Enclosure

To use the 1040 enclosure, see Figure 1 and follow these steps:

1. Place it on a secure surface with room for air flow and within 7 ft. (2.134 m) of the AC power source.
2. Insert a module in the guide rails and press it firmly into the backplane, then secure the thumbscrews finger-tight.
3. At ALM OUT, on the rear panel, connect devices to receive alarm information; see Figure 2.
 - NO The contacts are open for normal operation and closed in a fault condition
 - COM The electrical common
 - NC The contacts are closed for normal operation and open in a fault condition
4. At ALM IN, on the rear panel, connect devices to supply alarm information; see Figure 2. Connect cabling from the + output on the device to IN+ on the 1040 and from the - output to IN- on the 1040; the internal alarm sense circuit is optically protected. Connect an optional Frame or Chassis Ground to FGND.



Figure 2. Model 1040 Alarm Connectors

5. Plug the power cord into the rear of the 1040 enclosure, then plug it into the AC power source; this turns on the power. To turn off the power, unplug the power cord.
6. To set any switches on the module, install the module in the 1040 enclosure, connect all cables, and access the module, see the User Manual for the module.

Specifications

Dimensions: 11.70"L x 12.0"W x 1.718"H (297 mm x 305 mm x 44 mm)
Weight: 5.6 lbs (2.5 kg)
Power: 115 to 230 VAC; 50 to 60 Hz autoranging, 14 W maximum
Operating Environment: 0° to +50°C, Up to 90% humidity (Non-condensing)

Regulatory Compliance

- ETL, cETL (UL 60950 CAN/CSA C22.2 No. 60950, EN/IEC 60950) EN 60825-1, -2
- FCC Part 15B/IC-003/VCCI Class A, C-Tick (AS/NZS 3548)
- EN 55022 Class A, EN 61000-3-2, EN 61000-3-3
- EN 55024
- CE Mark

Warranty Information

Current Warranty information is available on-line in the Client Login Area of the Canoga Perkins web site (www.canoga.com) or by contacting Technical Support at 800-360-6642 (voice) or fiber@canoga.com (email).

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